

Montana  
Public Health

# Training & Communication Center

<https://www.montanapublichealthtcc.org>



# C O U R S E S

Spring 2008



## What is the TCC?

The Montana Public Health Training & Communication Center, or **TCC**, is Montana's secure learning management system and distance learning resource for professionals who protect the public's health. The purpose of the **TCC** is to gather public health workers into a coordinated and integrated system that assesses their needs, links them to appropriate training activities, monitors their progress, and recognizes their achievement of relevant competencies.

A prepared workforce is also essential to Montana's ability to respond to bioterrorist attacks and other public health emergencies or disease outbreaks that may arise. The TCC provides emergency response training and public health education for developing and maintaining a competent public health workforce across the state.

## Learners Use the TCC to:

- Search for web-based courses, instructor-led courses, seminars, webcasts, satellite broadcasts, and conferences associated with public health and related fields
- Search for courses by topics or keywords
- Register online for courses and training conferences
- Create a personal learning transcript to track competency-based training, credits, certifications, and outside training events
- Provide feedback about courses already taken
- View documents, web sites, publications, and references on related topics of interest
- Use the virtual team rooms to communicate with other professionals and classmates

## We Need Your Help!

If you come across online courses that you think should be added to the TCC, or have suggestions of courses you would like to see added, please send your suggestions and information to **hhsmphti@mt.gov**.

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## How to Search for Courses on the TCC

1. Login to the TCC at "https://www.montanapublichealthtcc.org"
2. Click on the "Training Center"
3. Click on the "Classroom and Online Courses" folder
4. Select a Topic or type in Keywords, then click on the "Search" button to view a list of the courses available.

**Note:** Select "All" from the "Topics" menu, and click the "Search" button to view all of the courses available on the TCC. (The list will appear in the bottom left frame).

5. From the course list, click on the name of the courses to launch or register for the course.

To view information about the course, click on the blue "Information" icon . (The information will appear in the bottom right frame).

Topic:

Keywords:



25 record(s) found.

-  [An introduction to Food Security Awareness](#) [Online]
-  [CERC - Crisis & Emergency Risk Communication: by Leaders for Leaders](#) [Online]
-  [Common Misconceptions about Disasters](#) [Online]
-  [Coping with Bioterrorism - The Role of the Laboratory](#) [Online]

**Note:** The information in "[ ]", to the right of the course name, indicates the format of the course, such as classroom or online.

### For additional help or information about the TCC

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## **NEW COURSES!**

The full description of each course is available on the page number provided.

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## **TCC COURSES**

## ILINC - RECORDED PRESENTATIONS

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### HOT TOPICS – NWCPHP

#### **When Normal Isn't Normal: RSV Outbreak In Rural Alaska – New!**

**Date:** December 4, 2007

**File size:** 21 MB

**Description:** Respiratory syncytial virus (RSV) outbreaks happen every year in Alaska. It's normal. But what happens when an RSV outbreak overwhelms the resources of one rural community hospital and another city's pediatric intensive care unit (ICU)? In March 2007, Alaska experienced an RSV outbreak that filled Anchorage pediatric ICU beds. What are the implications for a pandemic influenza outbreak? Join us for this online, interactive forum to find out what Alaska is doing differently and how you can learn from this state's new "normal."

**Presenters:** **Sally Abbott, ANP, MSN**, Hospital Coordinator, Department of Health and Social Services, Anchorage, AK

**Cathy Wolfe, RN, CHC**, Director of Nursing, Samuel Simmonds Memorial Hospital, Barrow, AK

**Sandra Woods, RN, MS**, Preparedness Training Coordinator, Public Health Nursing, Anchorage, AK

#### **Weapons Of Mass Destruction: A Coordinated Response Effort– New!**

**Date:** November 13, 2007

**File size:** 18 MB

**Description:** The threat of terrorism continues to present challenges and concerns in public health preparedness. In this online, interactive session Captain Holly Shenefelt will discuss the role of the National Guard's Weapons of Mass Destruction Civil Support Team (WMD-CST) in preparing for and responding to terrorism. Capt. Shenefelt will present stories from the field in Wyoming, where the 84<sup>th</sup> Civil Support Team was certified earlier this year. She will explain the role of the WMD-CST, which exists in every state and U.S. territory, and describe the relationships it fosters with state and local public health departments and local responders. She will highlight the teamwork that has allowed various organizations and institutions in Wyoming to come together to protect the public from potential harm.

**Presenter:** **Capt. Holly Shenefelt, MBA, MA**, Medical Operations Officer, 84th Civil Support Team (WMD)

#### **MRSA: Action-Oriented Guidance For Community-Based Prevention– New!**

**Date:** October 23, 2007

**File size:** 24 MB

**Description:** Football season has arrived, and with it the potential for MRSA outbreaks in the crowded locker rooms of local schools. MRSA, or methicillin-resistant *Staphylococcus aureus*, is best known for its incidence in hospitals, but in recent years community-acquired cases have become more common. In this online, interactive session Dr. Jackie Dawson will discuss MRSA surveillance results in Washington's Region 7, including differences in pediatric versus adult populations. Dr. Dawson will also explore changes in MRSA drug resistance patterns over time, and will emphasize critical prevention and disinfection measures that public health practitioners can use in their communities.

**Presenter:** **Jackie Dawson, PhD**, Region 7 Epidemiologist, Washington State

#### **A Practical Tool For Business Continuity During A Flu Pandemic – New!**

**Date:** September 18, 2007

**File size:** 20 MB

**Description:** During this online, interactive session, Dr. Uwe Reischl and Dr. Newell Gough will discuss a business continuity management tool they developed with input from the health department and local businesses. The new tool allows management to estimate the potential impact of an avian influenza pandemic on an organization's ability to continue business operations. Key steps in the use of this new tool will be presented.

**Presenters:** **Uwe Reischl, PhD, MD**, Professor, Community and Environmental Health, College of Health Sciences, Boise State University

**Newell Gough, PhD, MBA**, Professor of management, Boise State University

**Public Health Responds To Avian Influenza Outbreaks In Commercial Poultry: Lessons From Nigeria – New!**

**Date:** August 28, 2007

**File size:** 29 MB

**Description:** The first outbreak of highly pathogenic avian influenza H5N1 was reported in Nigeria in commercial poultry on February 8, 2006. In response, the Nigerian Federal Ministry of Health, CDC, and WHO dispatched a jointly-staffed rapid response team to commence field response activities. This online, interactive session will provide insight into the lessons learned from the field experience during active public health surveillance for human avian influenza.

**Presenter:** **Lora Davis, DVM, MPH**, Former Epidemic Intelligence Service Officer, Division of Vector-Borne Infectious Diseases, Centers for Disease Control

**Tuberculosis In The 21st Century – New!**

**Date:** July 17, 2007

**File size:** 22 MB

**Description:** In this online, interactive session, an expert tuberculosis (TB) consultant from the Washington State Department of Health will provide an introduction to the epidemiology of global TB. The session will offer critical information that reaches beyond the recent XDR-TB case to the broader implications for TB control and public health practice today, including diagnosis, treatment, and the emerging problem of drug resistance.

**Presenter:** **Scott Lindquist, MD, MPH**, Director of Health, Kitsap County Health District

**The Art Of Dialogue: Collaboration In Public Health Preparedness – New!**

**Date:** June 19, 2007

**File size:** 16 MB

**Description:** Preparedness means developing the readiness to respond to emergencies with creativity and flexibility, the way all living things respond to challenges in their environment. The more complex the challenge, the more creative the response needs to be. But how can we develop this kind of readiness? What kinds of things would we need to do to achieve this kind of preparedness?

**Presenter:** **Daniel Martin**, Founder and President, Cross River Connexions; Founder and Director, International Communities for the Renewal of the Earth

**The Science Of Influenza Vaccine Development: Implications For The Public Health Practitioner – New!**

**Date:** May 22, 2007

**File size:** 23 MB

**Description:** This interactive session will explain what researchers are doing to overcome the challenges that a pandemic strain brings, and the implications of this research for busy practitioners during a pandemic.

**Presenter:** **David Cho, PhD, MPH**, Influenza Product Development Program



Officer, National Institutes of Health

**Food Supply Defense Plan: Lessons From Oregon Public Health – New!**

**Date:** Tuesday, April 17, 2007

**File size:** 18 MB

**Description:** James Mack will discuss the complexities of food defense generally, the structure of food defense emergency response in Oregon, and provide an overview of the development of the Oregon Public Health Food Defense Emergency Response Plan.

**Presenter:** James C. Mack, MPA, BS, Foodborne Disease Outbreak Investigator, State of Oregon

**Pandemic Influenza Response: Ketchikan's Alternate Care Site Exercise – New!**

**Date:** March 20, 2007

**File size:** 19 MB

**Description:** In October of 2006, the community of Ketchikan, Alaska held an emergency preparedness exercise that included two Alternate Care Site scenarios. Ketchikan created and staffed a 20-bed site for influenza patients and a "walking wounded" site for overflow triaged patients from the hospital emergency room. This online, interactive session will provide insights into Ketchikan's exercise for the benefit of those striving to prepare for pandemic influenza and other disasters.

**Presenters:**

**Bev Crum**, Emergency Room, Ketchikan General Hospital

**Jim Hill**, Assistant Fire Chief, Ketchikan Fire Department

**Deb Jepson**, Public Health Nurse, Ketchikan Public Health Center

**Jana Towne**, Chief Nurse, Ketchikan Indian Corporation

**Public Health Chemical Emergency Response Plan – New!**

**Date:** February 27, 2007

**File size:** 28 MB

**Description:** Public health personnel are key responders to chemical emergencies including terrorism incidents, and will be encouraged to develop public health emergency response plans that reach out to all entities in the emergency response system.

**Presenter:** Michael L. Holcomb, PhD, Public Health Toxicologist, State of Oregon

**A Framework For Assessing Regional Public Health Preparedness – New!**

**Date:** January 23, 2007

**File size:** 19 MB

**Description:** This online session will provide an example of an assessment framework for regional public health preparedness. The speakers will discuss the need for cross-border planning and describe the "Assessing Regional Public Health Preparedness" project, which resulted in the development of a checklist to assess regional preparedness. Then, the speakers will discuss how this checklist can be used by local, state, and regional public health jurisdictions.

**Presenters:** Patrick O'Carroll, MD, MPH, FACPM, FACMI, Regional Health Administrator for Region X, U.S. Public Health Service

**Maggie Jones**, MPH Candidate, Research Assistant, NWCPHP, University of Washington

**Hot Topics - An Effective Incident Command System: Public Health Response to Katrina Evacuees**

**Format:** Webcast/iLinc

**Date entered:** 4/7/2006

**Description:** The presentation will focus on Public Health's ability to function effectively within multiple ICS situations: local public health, County EOC, Unified Command at the FCC, DHR/Division of Public health EOC and State EOC. Coordination by local Public Health of over 27 local, state, and federal agencies with a common goal will be detailed.

#### **Hot Topics - Animal Impacts of Avian Influenza**

**Format:** Webcast/iLinc

**Date entered:** 8/29/2006

**Description:** This session will cover the natural history of avian influenza viruses in wild birds; the current situation with highly pathogenic avian influenza (HPAI) H5N1 in wild birds in Asia and Europe; and the avian influenza early detection initiative in the United States. The panel members will address the potential impacts of avian influenza on migratory waterfowl and other wild birds, the poultry industry, and potential associated economic ramifications. Animal health and welfare issues, as well as environmental and potential pet impacts will be discussed.

#### **Hot Topics - Emergency Management Planning: New York Style**

**Format:** Webcast/iLinc

**Date entered:** 9/29/2006

**Description:** This online, interactive session will provide an overview of what we have learned from previous disasters (natural and terrorism) and how these lessons can inform our emergency management planning. The presenter will discuss the emergency planning process employed in New York City (NYC) to develop plans that are operationally oriented. This will include how to organize plans by roles, actions, and tasks. The presentation will also include ideas on how to involve stakeholders in the planning. Several case studies from NYC will be reviewed.

#### **Hot Topics - Public Health Ready: Idaho's Statewide Approach**

**Format:** Webcast/iLinc

**Date entered:** 7/25/2006

**Description:** This online, interactive session will describe how all seven health districts in the State of Idaho achieved recognition as being Public Health Ready through their participation in Project Public Health Ready (PPHR). The PPHR program, led by the National Association of County and City Health Officials (NACCHO), aims to prepare local public health agencies to respond to emergencies and to protect the public's health through a competency-based training process and demonstration that pre-established criteria have been met.

#### **Hot Topics - Starbucks Business Continuity Planning: Hurricane Katrina and Pandemic Influenza**

**Format:** Webcast/iLinc

**Date entered:** 10/25/2006

**Description:** This online, interactive session will feature a two-part presentation about Starbucks' business continuity plans, starting with a summary of Starbucks preparations in the Gulf Coast prior to the arrival of Hurricane Katrina, including the response immediately following the incident. The second part of the presentation will outline Starbucks pandemic influenza planning to date and how lessons from previous incidents are incorporated into these plans.

### **STRATEGIC NATIONAL STOCKPILE**

### **SNS - POD Security -iLinc Presentation – New!**

**Format:** Webcast/iLinc

**Description:** Information Needed to Support Planning and Deployment of Point of Dispensing (POD) Security. Presenter: Mike Melton, L. A. Co. Department of Public Health. Recorded from an iLinc presentation on October 31, 2007.

## **ONLINE COURSES – SELF-STUDY**

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### **COMMUNICABLE DISEASES**

#### **Epidemiology & Prevention of Vaccine-Preventable Diseases, Parts 1-4**

**Format:** Online

**Date Entered:** 5/4/2006

**Description:** These self-study programs will provide the most current information available in the constantly changing field of immunization. Session One will cover principles of vaccination, general recommendations on immunization, and vaccine storage, handling, and administration. Session Two will cover pertussis, pneumococcal disease (childhood), and Hib. Session Three will cover measles, rubella, varicella, polio, and meningococcal disease. Session Four will cover hepatitis B, hepatitis A, influenza, and pneumococcal disease (adult). This broadcast will feature a question-and-answer session in which participants nationwide can interact with the course instructors via toll-free telephone lines. Each of the four sessions can be viewed independently for CE credit.

### **EMERGENCY PREPAREDNESS / TERRORISM**

#### **ICS-703 National Incident Management System (NIMS) Resource Management Training – New!**

**Format:** Online

**Description:** This interactive computer-based course provides the principles, tools, processes, and systems used in the NIMS that incident managers need for timely and effective resource management during an incident. This course is designed for local and State emergency management personnel and takes approximately three hours to complete. Federal agency emergency management personnel, as well as, private-sector and nongovernmental organization personnel are encouraged to complete the training also.

#### **ICS-706 NIMS Intrastate Mutual Aid - An Introduction – New!**

**Format:** Online

**Description:** This course provides an introduction to NIMS intrastate mutual aid and assistance. You will learn about the purpose and benefits of mutual aid and assistance. You will also learn about the emphasis that NIMS places on mutual aid and assistance. The course explains how to develop mutual aid and assistance agreements and mutual aid operational plans.

The prerequisite for this course is IS-700: National Incident Management Systems (NIMS), An Introduction.

#### **ICS-800A National Response Plan – New!**

**Format:** Online

**Description:** The NIMS Integration Center (NIC) in conjunction with the

Emergency Management Institute (EMI) has updated the IS-800 National Response Plan (NRP): An Introduction, web-based training course to reflect the recent changes in the NRP. The updated course is now named IS-800a.

**IS-800.B National Response Framework, An Introduction – *New!***

**Format:** Online

**Description:**

This course is intended for government executives, private-sector and nongovernmental organization (NGO) leaders, and emergency management practitioners. This includes senior elected and appointed leaders, such as Federal department or agency heads, State Governors, mayors, tribal leaders, and city or county officials – those who have a responsibility to provide for effective response.

**Management Of Radiological Casualties – *New!***

**Format:** Online

**Description:** This course is designed to permit individuals already in possession of basic skills and knowledge of human patho-physiology in the context of both high and low dose radiological threat to review the factors most relevant to human recovery and survival. Mechanisms of injury will be examined and specific recommendations with respect to routine and critical laboratory studies and their timing will also be discussed. The characteristics of common contaminants are considered and specific therapy outlines including the recommended practices for external and internal decontamination are reviewed. Specific therapeutic procedures and guidelines for combined injury are discussed and folded into an overall milieu of therapeutic support.

**Nuclear Pathways And Prevention Course – *New!***

**Format:** Online

**Description:** This course provides relatively technical information about nuclear energy and nuclear terrorism, but it does not include detailed information about implications for public health professionals and hospital clinicians.

**Basic Concepts for WMD Incidents (Revised)**

**Format:** Online

**Date Entered:** 12/27/2006

**Description:** Upon successful completion of the course, participants will be able to explain Emergency Medical Services (EMS) management issues, responder considerations, and medical treatments for application to weapons of mass destruction (WMD) incidents.

**Crisis Leadership: Leadership at the Speed of Light**

**Format:** Online

**Date entered:** 12/1/2006

**Description:** This presentation by Donna Dinkin, MPH, gives you an overview of crisis leadership and gives public health workers a framework to use in preparing to respond to a crisis.

**Emergency Preparedness and the Need to include Persons with Disabilities: Basic Issues for Organizations to Consider**

**Format:** Online

**Date Entered:** 12/1/2006

**Description:** This presentation by Pam Dickens, MPH, gives you an overview of the basic issues to consider when including persons with disabilities in emergency preparedness planning. These learning modules are applicable to all public health, medical, veterinary, pharmacy, emergency management, hospital

and other professionals interested in public health preparedness. These modules are created by faculty and guest lecturers at the UNC-CH School of Public Health and are equivalent to graduate level content.

### **Emergency Risk Communication for Public Health Professionals**

**Format:** Online

**Date entered:** 4/5/2006

**Description:** This course was created by the Northwest Center for Public Health Practice in collaboration with Public Health - Seattle & King County. This course is designed to develop your ability to communicate with the media and the community during public health crises.

### **Environmental Sampling and Monitoring in a Disaster**

**Format:** Online

**Date entered:** 5/18/2007

**Description:** In the event of a natural or man-made disaster, it is anticipated that the first several days will be dedicated to emergency response and rescue operations. Responding to disasters must be a well coordinated effort between the private and public sectors. Local, state and federal environmental health teams must include experts in all aspects of environmental health if and when available. This course will discuss environmental sampling and monitoring procedures for water, air, soil and sediment. Video clips demonstrating the sampling procedures are also included.

### **Incident Command Systems (ICS) For Public Health**

**Format:** Online

**Date entered:** 12/1/2006

**Description:** ICS 100, Introduction to the Incident Command System, introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features, and principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS)

### **Introduction to Weapons of Mass Destruction**

**Format:** Online

**Date Entered:** 12/1/2006

**Description:** This presentation by Captain Craig Marks, Assistant Professor of Military Science at the US Army Institute of Leadership, University of North Carolina at Chapel Hill, gives the viewer an introduction to the agents of bioterrorism. This lecture material was part of a training program in domestic preparedness for pharmacists hosted on October 7, 2003 at the University of North Carolina at Chapel Hill School of Public Health and co-sponsored by the North Carolina Center for Public Health Preparedness, the North Carolina Department of Public Health Office of Public Health Preparedness and Response, and the University of North Carolina School of Pharmacy.

### **IS-100 Introduction to Incident Command System**

**Format:** Online

**Date entered:** 11/29/2005

**Description:** ICS 100, Introduction to the Incident Command System, introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features, and principles, and organizational structure of the Incident Command System.

It also explains the relationship between ICS and the National Incident Management System (NIMS)

**IS-120 An Orientation to Community Disaster Exercises, FEMA**

**Format:** Online

**Date entered:** 12/14/2005

**Description:** This independent study course provides an orientation to the types of exercises used to test and evaluate a community's emergency plan. The content illustrates the eight basic steps in exercise design and emphasizes the use of a design team to ensure the success of a community's exercise program.

**IS-139 Exercise Design FEMA**

**Format:** Online

**Date entered:** 12/14/2005

**Description:** This independent study course will cover the purpose, characteristics and requirements of three main types of exercises: Tabletop Exercise; Functional Exercise and Full-scale Exercise. In addition this course will cover: Exercise Evaluation, exercise enhancements and designing a functional exercise.

**IS-200, ICS for Single Resources and Initial Action Incidents**

**Format:** Online

**Date entered:** 11/29/2005

**Description:** ICS 200 is designed to enable personnel to operate efficiently during an incident or event within the Incident Command System (ICS). ICS-200 provides training on and resources for personnel who are likely to assume a supervisory position within the ICS. IS-100 is a pre-requisite to the IS-100 Course.

**IS-700 - National Incident Management System Web-Based Course**

**Format:** Online

**Date entered:** 10/6/2005

**Description:** This course introduces NIMS and takes approximately three hours to complete. It explains the purpose, principles, key components and benefits of NIMS

**IS-800 National Response Plan (NRP), An introduction**

**Format:** Online

**Date entered:** 1/17/2006

**Description:** This course introduces you to the NRP, including the concept of operations upon which the plan is built, roles and responsibilities of the key players, and the organizational structures used to manage these resources. The NRP provides a framework to ensure that we can all work together when our Nation is threatened. The course is designed for DHS and other Federal department/agency staff responsible for implementing the NRP, as well as State, local and private sector emergency management professionals

**Preparedness & Community Response to Pandemics**

**Format:** Online

**Date entered:** 5/10/2006

**Description:** At the end of this course, public health workers will be competent to describe the public health role in emergency response during an influenza outbreak or pandemic and to recognize unusual events that might indicate an emergency and describe appropriate action. Additionally, learners will be able to describe their functional role(s) in emergency response and apply flexible thinking to unusual challenges within their functional role. Several activities are designed to help the learner identify personal limits of knowledge, skill, and authority and direct the learner to useful resources when these limits have been exceeded.

### **Preparing for and Responding to Bioterrorism - Information for Primary Care Clinicians**

**Format:** Online

**Date entered:** 4/5/2006

**Description:** This curriculum is divided into four major sections: Introduction to Bioterrorism, Bioterrorism Preparedness and Response, Diseases of Bioterrorist Potential, and Psychological Aftermath of Crisis. The seven slide sets and accompanying instructor's manuals (four slide sets comprise the Diseases of Bioterrorist Potential section) are designed for the in-person training and education of primary care clinicians. These materials are currently being pilot tested, and may be modified from their present state. Please watch this site for revisions.

### **Preparing for and Responding to Bioterrorism - Information for Public Health Workforce**

**Format:** Online

**Date entered:** 4/5/2006

**Description:** This curriculum is divided into six major sections: Introduction to Bioterrorism, Emergency Response Planning, Diseases of Bioterrorist Potential, Health Surveillance and Epidemiologic Investigation, Consequence Management, and Communications and Informatics.

### **Rocky Boy Incident - iLinc Presentation – *New!***

**Format:** Webcast/iLinc

**Description:** A power point / iLinc presentation, by Eric Finke of the EPA, of the response to the contaminated water system on the Rocky Boy Reservation that occurred in May 2007.

### **Terrorism, Preparedness and Public Health: An Introduction**

**Format:** Online

**Date Entered:** 11/29/2005

**Description:** University of Albany School of Public Health Course. At the end of the course, public health workers will be competent to describe the public health role in an emergency response in a range of potential or possible emergencies and to recognize unusual events that might indicate an emergency and describe appropriate action.

## **ENVIRONMENTAL/INDUSTRIAL HEALTH**

### **An introduction to Food Security Awareness**

**Format:** Online

**Date entered:** 12/8/2005

**Description:** This course is for individuals who work at every level of our food and agricultural system, throughout government and the private sector.

### **Program Evaluation in Environmental Health**

**Format:** Online

**Date entered:** 5/21/2007

**Description:** This course is for individuals who work at every level of our food and agricultural system, throughout government and the private sector.

## **EPIDEMIOLOGY / BIOSTATISTICS /SURVEILLANCE**

### **Infectious Disease Surveillance and Outbreak Investigation Using Geographic Information Systems (GIS)**

**Format:** Online

**Date entered:** 12/1/2006

**Description:** This presentation by Dionne Law, PhD, Spatial Epidemiology Research Associate, Department of Epidemiology, University of North Carolina at Chapel Hill, gives the viewer an introduction to the use of geographic information systems (GIS) for infectious diseases surveillance and outbreak investigation.

### **Introduction to Public Health Surveillance**

**Format:** Online

**Date entered:** 11/29/2006

**Description:** This Web-based course provides an introduction to public health surveillance concepts and principles for public health workers who have little or no prior training in epidemiology. The course gives an overview of surveillance systems in local, state, and national public health practice. Topics covered include the history of and legal basis for surveillance, definition and types of surveillance, attributes and limitations of surveillance systems, and examples of national and state systems. No prerequisite knowledge or skills are necessary

### **The Role of Public Health in a Multi-Agency Response to Avian Influenza in the US**

**Format:** Online

**Date entered:** 5/17/2007

**Description:** Overview: The Centers for Disease Control and Prevention (CDC) and the Council of State and Territorial Epidemiologists (CSTE) provided three day training courses adapted from the DHHS/CDC Guidance for State and Local Health Departments for Conducting Investigations of Human Illness Associated with Domestic Highly Pathogenic Avian Influenza Outbreaks in Animals. Training courses were provided in Washington DC; Denver, CO; and Atlanta, GA in early 2007. The trainings included 295 participants and facilitators and represented local and state health agencies, federal agencies including CDC and USDA, wildlife, agriculture, public health laboratories, public health veterinarians, nursing, and industry. Training was provided to representatives of all fifty states and Washington DC; several large cities including Seattle, Chicago, Houston, and New York City; Puerto Rico, American Samoa and the Virgin Islands. All participants were individuals responsible for the identification, surveillance, or response of avian influenza (AI).

## **GENERAL PUBLIC HEALTH**

### **Grant writing and budgeting for Public Health Programs**

**Format:** Online

**Date entered:** 12/1/2006

**Description:** This presentation by Jennifer Horney, MPH, gives you an introduction to funding for public health in America since September 11, 2001 and gives an overview of grant writing as a way to secure funding for public health programs.

### **Introduction to Logic Models and Outcome Measurement**

**Format:** Online

**Date entered:** 5/31/2007

**Description:** Introduction to Logic Models and Outcome Measurement is designed to demonstrate the effectiveness of performance measurement using logic models and outcome measurement, and to provide basic tools to enable local health jurisdictions (LHJs) to begin to implement these processes. This



training is supported by a grant from the U.S. Department of Health and Human Services, Health Resources and Services Administration

### **Microbiology: An Introduction**

**Format:** Online

**Date entered:** 12/5/2005

**Description:** This course provides a very brief introduction to microbiology. After taking this course, the learner will have a general understanding of cell biology and a better understanding of the five microbial groups that are of concern to the public health practitioner: bacteria, fungi, protozoa, helminths (worms) and viruses. The course may be used as either a refresher for people with backgrounds in microbiology or as a primer for public health professionals with little background in the subject.

### **Program Evaluation Methods**

**Format:** Online

**Date entered:** 12/1/2006

**Description:** This presentation by Mary Davis, Dr PH, MSPH gives you an overview of program evaluation methods, disaster evaluation and the principles of effective disaster management.

## **GEOGRAPHIC INFORMATION SYSTEMS (GIS)**

### **Introduction to Geographic Information Systems (GIS)**

**Format:** Online

**Date entered:** 12/1/2006

**Description:** This presentation by Dionne Law, PhD, Spatial Epidemiology Research Associate, Department of Epidemiology, University of North Carolina at Chapel Hill, gives the viewer an introduction to geographic information systems (GIS).

## **HAZMAT**

### **IS-5.A An Introduction to Hazardous Materials**

**Format:** Online

**Date entered:** 12/20/2006

**Description:** This Independent Study course is intended to provide a general introduction to hazardous materials that can serve as a foundation for more specific studies in the future. The course has five Units which are outlined below. No prior knowledge of the subject is required or assumed.

## **IMMUNIZATION**

### **Immunization: You Call the Shots – 4 Modules:**

**Format:** Online

**Date entered:** 5/4/2006

**Description:** You Call the Shots are an interactive, self-study course that participants can complete at their own pace. It is intended for introductory training of healthcare professionals who provide immunizations and can serve as a reference or refresher for all immunization providers. Four modules are currently available in the series.

### **Mass Antibiotic Dispensing: Collecting POD Exercise Data**

**Format:** Online

**Date entered:** 4/7/2006

**Description:** To prepare participants to collect timed data from Point of Dispensing (POD) exercises

### **Montana's Mass Vaccination Clinics**

**Format:** Online

**Date entered:** 12/21/2005

**Description:** Some examples and lessons learned from three of Montana's mass vaccination clinics in 2004.

## **LEGAL / ETHICAL**

### **Introduction to Public Health Law**

**Format:** Online

**Date entered:** 2/15/2006

**Description:** This Web-based module is the first in a series called Public Health Law in the Age of Terrorism. This module provides a brief introduction to public health law, with special focus on laws and regulations relating to large-scale emergencies such as bioterrorism or natural disasters. The module covers sources and characteristics of public law, jurisdiction issues, and the role of the military and federal agencies when investigating and responding to terrorism or natural disasters.

## **MONTANA TCC TRAINING**

### **Montana Tcc - Basic User Training** – *New!*

**Format:** Online

**Description:**

This course uses animated training modules that explain how to use the basic functions of the Montana TCC. Modules will continue to be added to the course when they are completed.

## **NUCLEAR / RADIATION**

### **Medical Response to Nuclear and Radiological Events**

**Format:** Online

**Date entered:** 3/28/2006

**Description:** As an international expert, Dr. Dallas addressed the United Nations in 1996 and 2006 on lessons learned from the Chernobyl nuclear accident to better prepare for the use of nuclear weapons by terrorists. He also was featured in a CNN documentary about his research on the devastating medical and environmental effects of the Chernobyl nuclear disaster.

## **ORAL HEALTH**

### **Open Wide: Oral Health Training for Health Professionals**

**Format:** Online

**Date entered:** 4/12/2007

**Description:** This curriculum offers health and early childhood professionals information to help them prevent tooth decay, which still afflicts many U.S. children, especially children from families with low incomes, children in certain minority groups, and children with special health care needs. The modules

present professionals with information about tooth decay, risk factors, and prevention; explain how to perform an oral health risk assessment and oral health screening; and highlight anticipatory guidance to share with parents.

## **PANDEMIC INFLUENZA**

### **Crisis Emergency & Risk Communication - Pandemic Flu**

**Format:** Online

**Date entered:** 8/21/2007

**Description:** Emergencies are chaotic and to avoid confusion and reduce uncertainty, all official response messages communicated to the public must be accurate, fast, consistent, relevant, and empathetic. The HHS/CDC Crisis & Emergency Risk Communication (CERC): Pandemic Influenza course is a 1½ day training that offers a combination of influenza communication tabletop exercises and informative group discussions. This model of training has been proven to be highly successful since CDC presented the first basic CERC training in September 2002, which continues to be taught internationally and nationally.

## **RISK ASSESSMENT**

### **Environmental Risk Assessment**

**Format:** Online

**Date entered:** 12/1/2006

**Description:** This presentation by Dr. Douglas Crawford-Brown, MS, PhD, gives you an overview of key concepts in risk assessment, hazard identification, exposure and exposure-response assessment, and risk characterization.

## **RISK COMMUNICATION**

### **Risk Communication in Public Health Emergencies**

**Format:** Online

**Date entered:** 5/18/2007

**Description:** This course is an introduction to risk and crisis communication during a public health emergency. The latest theory from the literature and applied concepts from agency recommendations are covered. This course is a hands-on, case-study based application of risk communication theory and practice. Theory and concepts are taught in the context of extensive examples and practice problems interspersed throughout the lectures. By the end of this course, the participant will have learned and practiced a variety of tools in the formation of risk communication messages.

## **SARS**

### **SARS: When a Global Outbreak Hits Home**

**Format:** Online

**Date entered:** 10/23/2003

**Description:** Public health leaders and professionals from local and state Government agencies, hospitals, clinics, boards of health, community-based health organizations, academic institutions, federal agencies, and others who seek to learn lessons from the 2003 SARS outbreak response and prepare for future disease outbreaks

## **SPECIAL POPS**

### **Emergency Planning and Special Needs Populations (G197)**

**Format:** Online

**Date entered:** 7/18/2006

**Description:** To provide the people who are responsible for emergency planning or care of special needs groups with the skills and knowledge they will need to prepare for, respond to, recover from, and mitigate against emergency situations

### **Planning for the Needs of Special Populations**

**Format:** Online

**Date entered:** 4/7/2006

**Description:** This program, offered in collaboration with the UC Berkeley Center for Infectious Disease Preparedness (CIDP) will incorporate lessons learned from Hurricane Katrina and will address planning and outreach programs to protect the lives and health of segments of the community sometimes overlooked by the inter-governmental community (e.g., the elderly, disabled, persons with limited or no English). Please note: closed captioning available for this program.

## **PODCASTS**

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## **STRATEGIC NATIONAL STOCKPILE**

### **SNS - POD Security - iLinc Presentation – New!**

**Format:** iLinc - audio only

**Description:**

Information Needed to Support Planning and Deployment of Point of Dispensing (POD) Security. Presenter: Mike Melton, L. A. Co. Department of Public Health. Recorded from an iLinc presentation on October 31, 2007

## **POWERPOINT PRESENTATIONS**

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### **Basic Infectious Disease Concepts In Epidemiology – New!**

**Format:** PowerPoint slides - narrated

**Description:** Are you a public health worker with little or no knowledge of epidemiology who would like to know more? This narrated, one-hour module introduces the concepts and principles of infectious disease in epidemiology. By the end of this module, you'll be familiar with infectious disease agents and transmission characteristics, epidemiologic methods, and vaccination and other control measures.

### **Data Interpretation For Public Health Professionals – New!**

**Format:** PowerPoint slides - narrated

**Description:** Do you find the thought of interpreting public health data intimidating? This narrated, one-hour module introduces the terms used to describe the public's health and provides a basic competency in reading and presenting data. If you've ever looked at terms such as *confidence interval* or *p-value* and wondered what they meant, this module is for you.

### **Introduction To Public Health Surveillance – New!**

**Format:** PowerPoint slides - narrated

**Description:** Surveillance is a key function of public health, but what does it mean? This module introduces public health surveillance concepts and principles for public health workers who have little or no prior training in epidemiology. You'll learn about surveillance systems in local, state, and national public health practice and how these important systems are used in tracking diseases and other public health threats.

### **MT Summer Institute - 1005 Intermediate Epidemiologic Concepts And Methods – New!**

**Format:** PowerPoint slides

**Description:** Analyzing Data - Basic Measurements in Epidemiology - presented by Todd Damrow, Ph.D. - DPHHS. Provides an in-depth study of epidemiologic concepts and methods that relate to the public health worker in Montana today.

### **What Is Epidemiology In Public Health? – New!**

**Format:** PowerPoint slides - narrated

**Description:** Have you ever wondered what epidemiologists do? This narrated, 45-minute module offers an overview of the purposes and uses of epidemiology in public health practice. It introduces concepts that are described more fully in our other online modules on epidemiology, and is a good place to start if you plan to take the whole series.

### **SARS Preparedness & Response**

**Format:** PowerPoint Presentation - narrated

**Date Entered:** 12/9/2003

**Description:** This is an audio PowerPoint presentation produced by Dr. Todd Damrow, Ph.D., M.P.H., State Epidemiologist at the Montana Department of Public Health and Human Services. December 2003.

## **OCCUPATIONAL HEALTH & SAFETY**

### **Personal Protective Equipment (PPE) In Healthcare Settings – New!**

**Format:** PowerPoint slides

**Description:** CDC has developed this PowerPoint presentation for use by staff development, infection control, and occupational health personnel for training healthcare personnel on how to select and use Personal Protective Equipment to protect themselves from exposure to microbiological hazards in the healthcare setting. Also see the trainers' information for this course which provides information about the slide set, how to use it and training suggestions.

## **WEBCASTS / ARCHIVED SATELLITE BROADCASTS**

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### **EMERGENCY PREPAREDNESS / TERRORISM**

#### **Preparing for Radiological Population Monitoring and Decontamination**

**Format:** Webcast aired on 3/9/06

**Date entered:** 3/9/2006

**Description:** This program is designed to educate and inform the target audience on radiological population monitoring, including initial and long-term monitoring issues, considerations for establishing monitoring sites, and roles and responsibilities of local, state, and federal public health and emergency preparedness authorities

#### **Public Health to the Rescue: Emergency Response is Now a Core Function**

**Format:** Webcast - originally aired on April 3, 2006

**Date entered:** 4/3/2006

**Description:** This program will examine the roles played by four state public health agencies in the response and recovery phases of Hurricane Katrina, specifically with respect to the public health core functions. The State Health Officers from Alabama, Arkansas, Louisiana, and Mississippi will discuss how their agencies roles in assessment, policy development, and assurance were affected by this disaster. They will discuss as a group: what worked and what didn't; and what should be modified for the future. Since each state and agency was affected by the Hurricane in a different way, the roles these organizations assumed were different as well. There are valuable lessons to be learned by not only reviewing the response by agencies directly involved in the disaster, but also from neighboring states that provided support and assistance.

### **Radiological Terrorism: Clinical and Public Health Aspects**

**Format:** Webcast- Archived satellite broadcast - Date: March 16, 2006

**Date entered:** 3/16/2006

**Description:** While radiation accidents have been the prevailing mode of human radiation injury in the last half-century, the intentional use of a radiation detonation or exposure device has become an unfortunate possibility.

### **Surge Capacity for Disasters: The Potential Roles of the Community and Public Health Nurse**

**Format:** Webcast - originally broadcasted December 8, 2006

**Date entered:** 4/7/2007

**Description:** This program is co-sponsored by the University at Albany Center for Public Health Preparedness and the HRSA-funded NY Consortium for Emergency Preparedness Continuing Education. The program goal is to educate Medical Reserve Corps (MRC) coordinators, nurses in the community who are or may be members of an MRC, and other members of the emergency response community, about the range of critical roles nurses can play in response to large disasters, as well as fundamental emergency response principles that will allow them to work in a coordinated fashion in a range of potential emergency situations.

### **Systems or Symptoms? Finding the Right Balance in Preparing for Emergencies**

**Format:** Archived web cast of the April 13, 2006 satellite broadcast

**Date entered:** 5/4/2006

**Description:** How many disasters of bioterrorism can you recognize? How many chemical agents are you ready to treat? We must balance emergency preparedness and other education needs, and find a balance between preparedness education about systems and symptoms. The presenters will provide a rationale for a balance to facilitate a coordinated response to threats.

## **HEALTH / RISK COMMUNICATIONS**

### **Risky Business: Communication During a Crisis**

**Format:** Webcast

**Date entered:** 7/7/2006

**Description:** How do public health professional's best communicate with the public and other officials in emergency situations or times of uncertainty? How can we simultaneously protect people and keep panic at a minimum? During this program, This course will describe pitfalls to avoid and provide clear guidelines for public health professionals who need to communicate most effectively during public health crises, with special attention to pandemic influenza.

## **IMMUNIZATION**

### **2007 Surveillance Of Vaccine-Preventable Diseases – New!**

**Format:** Webcast

**Description:** This course is designed to provide information on case investigation, outbreak control, and disease reporting for vaccine-preventable diseases. The course will stress the most epidemiologically important data to collect and will discuss methods of enhancing surveillance and completing case investigations. This broadcast will feature a live question-and-answer session in which participants nationwide can interact with the course instructors via toll-free telephone lines, fax, and e-mail.



**For additional help or  
information about the TCC**

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